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DISCLOSURE TEXT:

1p. A use-payments system for economically facilitating photocopy copyright royalty payments, utilizes a preprinted bar code

on the copied item and a bar code on the copier machine that is reproduced along with the pre-printed bar code, on the photocopy produced. An extra photocopy would be made of the item bearing the

preprinted bar code for utilization by automatic data processing machines, which would create debit and credit records by publishers and users.

- A typical use would involve journal articles. An appropriate

bar code would be applied to the first page of each article printed

in a journal (or each chapter of a book or each work in a composite

work), which bar code would not only identify the publisher but also

the particular article.

- Each photocopying machine would be modified to reproduce a bar

code which would identify the particular user through his copier.

The bar code could be reproduced in the same manner that the identity

of the particular copier is reproduced by certain copiers.

- An appropriate bar code is described in the article "The Characteristics and Decodability of the Universal Product Code

Symbol" by Savir and Laurer, pp 16-34 of the IBM Systems Journal,  
Vol 14/#1/75. See also "Bar Codes for Data Entry", by E. K. Yasaki,  
pp 63-68 Datamation, Vol 21/#5, May 1975.

- In operation, the user when reproducing an article would  
also reproduce an extra copy of the first page of the article. Since  
the copier would automatically introduce the user's bar code on each  
reproduction, the bar code of the journal publisher as well as  
that of the user would appear on the first page of the extra copy  
which was made. Periodically, the extra copies would be collected and  
shipped to a central processing location which could, through the  
use of computers having state of the art bar code sensing devices  
attached thereto, automatically calculate and allocate the  
payment to be made to each publisher by a user. The computer would have  
stored therein the publishing copying rates, or the royalty could be  
incorporated in the publisher's bar code. Provision could also  
be made for the user to record the number of sheets copied.  
- If the publisher's bar code also incorporates a key as to  
the nature of the article, computer analysis could be conveniently  
made of the subject matter interests of the various users of various  
journals. Of course, other benefits, such as information on the  
popularity of various types of articles, could also be readily  
obtained.

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